

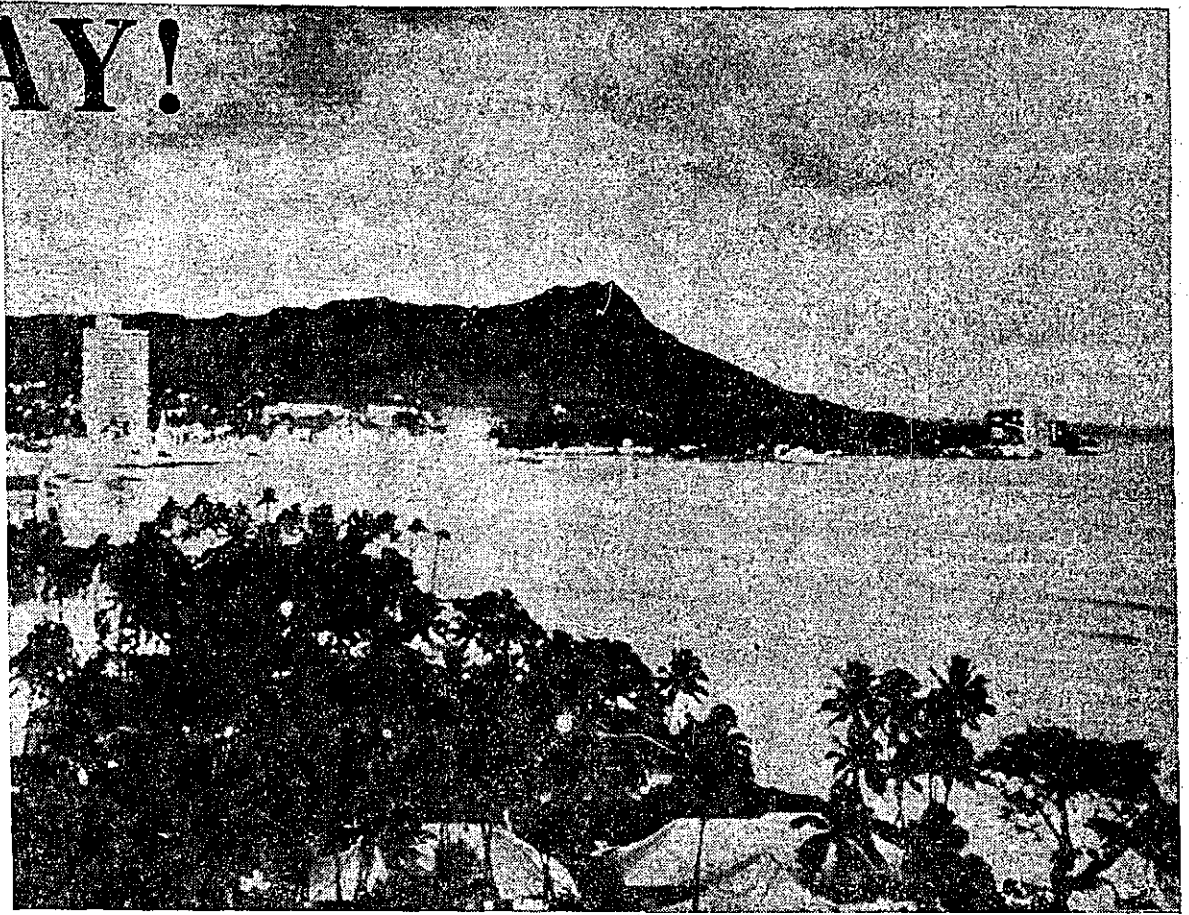
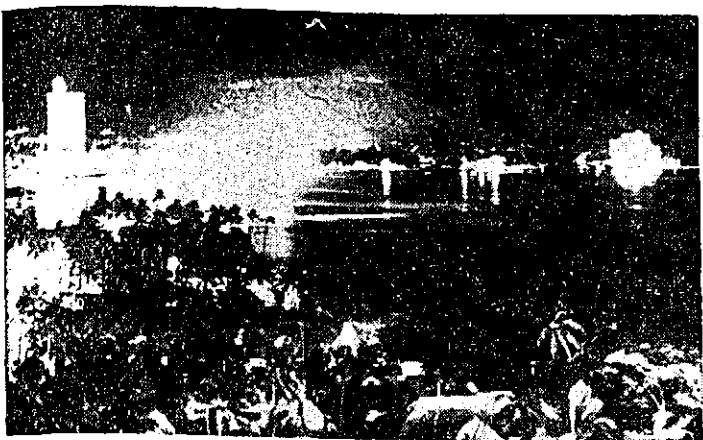
NIGHT INTO DAY!

750 miles away as the rainbow

bomb goes off



Caught in the rainbow...Waikiki beach, Hawaii, before the explosion (left) and the false dawn (right) at the blast off



A British mother protests in Moscow

By STEPHEN HARPER

MOSCOW, Monday. MRS. JUDITH COOK from Penzance left her four-month-old baby, Nicholas, in a Russian crèche today to spearhead the protest by 2,000 pacifists from 100 countries against the American nuclear test.

Mrs. Cook, 29 today and mother of four, had to bring Nicholas with her to the World Conference on General Disarmament and Peace in Moscow because she is feeding him herself.

In white summer dress and mustard-coloured cardigan, she spoke to the conference "on behalf of mothers everywhere." Her words were translated simultaneously into 12 languages.

Wicked

She said: "The American test in the atmosphere is a very, very wicked thing. But the Soviet, British, and French tests were wicked too."

"Our present generation has no right at all to cause death and disease to people as yet unborn in the name of their own national security."

Japanese women in kimonos, survivors of Hiroshima, clapped delightedly. A trial chief from West Africa, in ostrich feathers and skin cloak, nodded his plumed head. Russians filling the upper two balconies—some in Army uniform—clapped enthusiastically.

BY HENRY LOWRIE

NEW YORK, MONDAY.

MAN-MADE flash momentarily brighter than 1,000 suns turned the black Hawaiian night into tropical daytime as the U.S. rainbow H-bomb exploded in space over Johnston Island, 750 miles away today.

As the flash faded, watchers on the surfing beaches of Waikiki saw the pin-point explosion expand rapidly into a multi-coloured fireball about 50 miles wide and surrounded by a luminous red shell perhaps 1,000 miles across.

As the kaleidoscope of colour faded across the width of the Pacific, the verbal fireworks began.

International warnings of dire consequences gave way—in face of the explosion—to denunciation from Russia and Britain.

But the United States, which had ignored the warnings, was jubilant over its achievement after two earlier failures and a series of delays.

'CRIME'

"By golly, we finally got one. Great," shouted an official of Joint Task Force Eight, as the bomb carried about 200 miles above Johnston Island by a Thor rocket exploded in a breath-catching display of colour and light.

It had a force equal to more than 1,000,000 tons of TNT, possibly, although there was no confirmation, of 10,000,000 tons.

"The crime has been committed," said Moscow radio. "The United States exploded its nuclear device in space, despite the protests of all mankind—precisely on the day when the World Congress for General Disarmament and Peace began its work in Moscow."

It was 11 at night by local time on the Hawaiian Islands, 700 miles from Johnston, but night was turned into day. The sky to the horizon was first

marine green, then yellow, then dull red.

As tourists watched from the beaches, it changed to icy blue and for almost half an hour remained white.

In Auckland, New Zealand, there was a 10-minute aurora-like display. Watchers in the Fiji Islands, 2,000 miles from Johnston, also got a thrilling show of pyrotechnics.

Radio communications from various parts of the Pacific were blacked out.

Scientists had protested that the blast would have permanent adverse effects on the Van Allen radiation belts that reflect radio waves back to earth. But American officials said any rupture of the belts would be temporary, and they hoped to gather valuable scientific information in the nuclear arms race.

FALL-OUT

In Washington atomic experts said they expected little if any radioactive fall-out.

Some of the debris, perhaps as much as half, might be hurled free of the earth's gravitational pull and wind up in orbit around the sun. Part of what was left might remain above the weather regions of the atmosphere for some time and be dispersed so widely that it would be almost harmless when it fell.

MAN MADE AND BRIGHTER THAN 1,000 SUNS

And this is why America did it...

By

Chapman Pincher

THOUGH yesterday's bomb was 29 times less powerful than Krushchev's super-bomb it created the biggest-ever fireball because in free of the earth's gravitational pull and wind up in orbit around the sun. Part of what was left might remain above the weather regions of the atmosphere for some time and be dispersed so widely that it would be almost harmless when it fell.

The bomb must also have been almost silent, because without air there are no vibrations to rattle human eardrums on the ground. After the fireball dispersed in a kaleidoscope of colour, justifying its name of rainbow bomb, the sky remained illuminated by electronic effects created by the blast. Atomic particles streaming along the earth's magnetic field generated "Northern Lights" displays seen in New Zealand 4,000 miles away.

It was the invisible effects of these atomic particles that the scientists were anxious to measure. They suspect that the disturbance they cause will interfere with radio communication to such an extent that the Russians might deliberately make use of them in war.

A few H-bombs exploded in space while a hail of bombarding missiles is being launched might blanket the U.S. early warning network set up to detect the missiles. Before the alarm could be sounded or the retaliatory bomber crews told to go, the war might be decided.

After the Russians exploded an H-bomb more than 100 miles up last autumn, this U.S. test became inevitable. It was timed so that the U.S. satellite Explorer 7 would pass through the explosion area and relay its findings to earth.

The first results suggest that rainbow bombs could well be used to black out communications. Radio links went out of action over many parts of the Pacific yesterday.

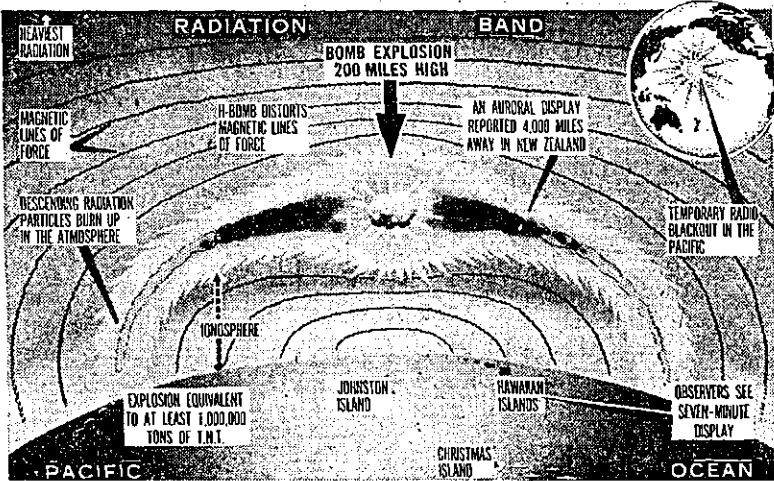
The bomb was probably not high enough to punch a hole in the Van Allen Belt, the doughnut-shaped zone of electric particles surrounding the earth. The effect of doing this will probably be tested by a further rainbow bomb to be exploded 500 miles up in the current U.S. series.

THE small CROSSWORD

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

- Across
- Games gear. (6, 3)
 - Parentless. (7)
 - Outfitter. (9)
 - Myriad. (9)
 - Unusual. (3)
 - Do it yourself lighter. (5)
 - Repair. (4)
 - Spaces. (5)

- Down
- Rough material. (9)
 - Pompous soundings. (7)
 - Rodent. (3)
 - Slide on snow. (3)
 - Retainer. (5)
 - Jobs. (5)
 - Flower. (5)
 - Gossips. (8)
 - Faith. (5)
 - Shot from a hidden place. (6)
 - Warning. (6)
 - Finishee. (4)
 - Group. (3)
 - Singlet. (3)



John Bodle charts America's super-blast above the Pacific

So beautiful—but so eerie

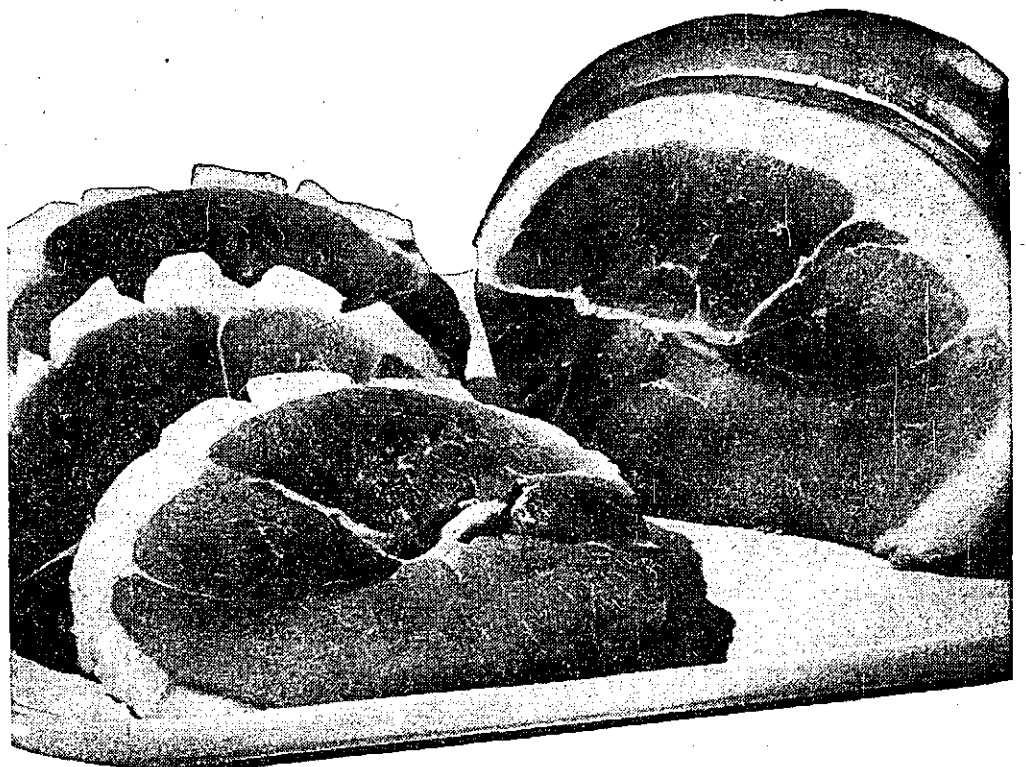
Express Staff Reporter

MELBOURNE, Monday. THE blast knocked out telegraph, telephone, and Telex services between Sydney and Vancouver for 10 minutes.

Crew and passengers of a Canadian Pacific airliner had a grandstand view of the explosion 20,000ft. above the Tasman Sea, 500 miles west of Auckland.

Aircraft Captain T. A. Tweed said on arrival in Sydney tonight: "It was almost like a sunset, interlaced with a number of colours. It was one of the most beautiful sights I have ever seen, but it was also eerie."

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Everybody in the family gets stomach upsets. But we don't let it bother us. At the first signs of trouble I give them Milk of Magnesia.



A job like mine is fun, but it means lots of hurrying and snatched meals. The old man suffered till I caught on to Milk of Magnesia.



My friend came to see me the other day—she had horrid heartburn. So I gave her 'Milk of Magnesia'. . . She'll know what to do next time.



Used to get colicky babies, feel a little sick . . . always when I'd something special on. Not any longer—I just go straight to 'Milk of Magnesia'.



I'm fit and active thanks to 'Milk of Magnesia'. No sluggish system to slow me down. And that's the trouble with too many people today.



Too many heavy days and evenings entertaining. But sleepless nights? Morning-after? No sir. 'Milk of Magnesia' helps me enjoy life without indigestion or stomach upsets.



Some days are the end—panic in the office—seems to go straight to my tummy. That's when I'm glad I've got 'Milk of Magnesia' in my desk drawer.



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'Milk of Magnesia'

4 oz. size 2/1, 12 oz. size 4/1

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